

W. Mosch

Testing with switching voltages
GERMAN, per, Elektric, Vol 24, No 6, 1970, pp 208-209
A. R. trans 612

may 72

Wear and Material Transfer Investigations Conducted
on Sliding Contact With the Aid of Radioactive Marking,
by Klaus Wagner. 5 pp.

GERMAN, per, Elektris, Vol 24, No 8, 1970, pp 279-280.
AIR/FTD-HT-23-418-71

Oct 71

The Importance of Linear Field Motors for Rapid Transit
Propulsion, by H. Kanter, 13 pp.

GOVERNMENT USE ONLY

GERMAN, per, Elektrie, Vol 24, No 10, 1970, pp 347-351.
ARM/FSTC/HT-23-213-72

Aug 72

Thermal Calculations of Generator
Tappings, by H. Stoye et al.
FRENCH, per, Elektrie, Vol 24,
December 1970, pp 448-449.
CEGB Trans 4052

Mar 72

The Flashover of Inhomogeneous Insulating
Arrangements Under Transformer Oil at
Switching Voltages, by W. Hauschild.
GERMAN, per, Elektris, Vol 25, May 1971,
pp 177-180.
CEGB Trans 2948

Mar 72

PROGRESS IN THE PULSE CONTROL OF DIRECT CURRENT TRACTION MOTORS

FETTER F LANGUAGE-GW COUNTRY-CZ

ELEKTRIF VOL 26 NO 6 PP 223-225 JUNE 1971

FSTC-HT-23-2354-72

JFK- 20287

20287
14 Feb 68

Electrical measuring instruments of explosion-
proof design, app

German, brochure, Elektrische Messgeraete in
explosionssicherer Ausfuhrung, Augsburg, 1967,

Special Type: Translator's draft plus one

No graphics

16 Feb 68 A.M.

Do not mark or mutilate,

The Effect of Light on Workers, by C. H. Herbst.
GERMAN, per, Elektrizitat, No 11, 1968,
pp 294-300.
CEGB
O.A. 904

Sci-Ejec
Oct 69

394,604

**Efficient Arrangement and Technique for Combined
Installation Systems for Lighting and Air Con-
ditioning, by D. Fischer.**

**GERMAN, per, Elektrizitat, No 11, 1968, pp 301-
311.**

O.S. Trans 381

Sci-Elec
Jul 70

Color quality of Light Sources, by W. Munch.
GERMAN, per, Elektrizitat, No 11, 1968,
pp 312-317.
O. A. Trans. 382

sci/elec
june 70

Air Conditioning of Rooms by Electricity, by
D. Spanke.

GERMAN, per, Elektrizitat, Vol 19, Feb 1969,
pp 31-37.

CEGB/O.A. Trans 394

Sci-Elec

Dec 69

398,173

The Electrical Installation for Storage Heating
Systems, by G. Flatow.
GERMAN, per, Elektrizitat, No 2, 1969, pp 38-42.
CEGB
O.A. 395

Sci-Elec
Feb 70

401,776

*The modern meat processing unit - all electric. A
viewpoint for the industrial adviser, by K. Fischer.
GERMAN, per, Elektrizitat, Vol 20, No 8, 1970,
pp 810-816.
GwE O.A. 690
NTC 72-14212-13A
NLL 6196, 3(690)*

apr 72

Electric Heating of Indoor Swimming
Baths, by H. Kirn.
EUROPEAN, per, Elektrizitat, Vol 20,
No 9, September 1970, pp 241-247.
CEGB Trans 692

Mar 72

The Electric Heating of an Industrial Building,
by F. Schalchlin.
GERMAN, per, Elektrizitätsverwertung, Vol 44,
No 7, 1969, pp 205-208.
O.A. Trans 448

Sci-Mech
Jul 70

Inductively-heated drying cylinders, by H. Henschel.
GERMAN, per, Elektrizitätsverwaltung, Vol 46, No 1,
1971, pp 1-4.
O.A. 698

apr 72

R. Allemann

*Dimensioning of electric central heating systems
with particular reference to daytime boost.
GERMAN, per, Elektrizitätsverwertung, Vol 46,
July 1971, pp 186-189
O.A. trans 736*

July 72

P. Blane

Hot water central heating system based on storage radiators

GERMAN, Elektrizitätsverwertung, Vol 46, Aug 1971

pp 221-226

O.A. trans 789

sept 72

*New appliances for electric water heating, by
K. Müller.
GERMAN, per, Elektrizitätsverwertung, Vol 46, No 10,
1971, pp 3 289-292
O.A. 737*

apr 78

Harmonics in Power Supply Systems, by
G. Bretschneider.
GERMAN, per, Elektrizitätswirtschaft,
Vol 64, No 3, 1965, pp 53-58.
NLL Ref: 9022.09 (4808)

Sci-Mech
Apr 69

379,903

Development-trends in Power House-design of
Pumped Storage-Plants, by H. Feur, J. Mucke.
GERMANY, per, Elektrizitätswirtschaft, Vol 64,
No 5, 1965, pp 105-109.
SEC

sci/mechan engr
aug 69

388,688

Electrical Machines for Pump Turbines, by
K. V. Willi.
GERMAN, per, Elektrizitatzwirtschaft, Vol 64,
No 5, 1965, pp 110-114.
SEC

Sci-Mech
Dec 69

398,202

Power Angle Regulation for Synchronous Machines,
by D. Ernst, H. Waldmann.

GERMAN, per, Elektrizitätswirtschaft, Vol 64,
1965, pp 121-127.

RAE tr 1192

NTC 69-12963-09C

Sci/Electronics

Jun 67

329,199

Incorporation of Small Hydroelectric Plants
into the OBAG System, by Lorenz Hofauer,
10 pp.
GERMAN, per, Elektrizitatzwirtschaft, No 7,
28 March 1966, pp 225-229.
DIA IN 296-66

Sci-Elect
Aug 66

307,483

Electrical Thermal Storage Heating in the UK
by Herbert Kirn, 8 pp.
GERMAN, per, Elektrizitätswirtschaft, No 7,
28 March 1966, pp229-232.
DIA LN 296-66

Sci-Elect
Aug 66

307,484

Problems of Cost Accounting in the
Electricity Producing Industry,
by Heribert Dirks, 6 pp.
GERMAN, por, Elektrizitätswirtschaft, No 7,
28 Mar 1966, pp233-235.
DIA LN 296-66

Sci-Elect
Aug 66

307,485

Red Metal With a Split Market - The
Copper Boom, and a Special Case of
Vietnam Boom, by Karl Lanz, 6 pp.
GERMAN, per, Elektrizitätswirtschaft, No 7,
28 March 1966, pp 235-237.
DIA LN 296-66

Sci-Elect
Aug 66

307- 486

Energy Industry and Energy Policy in the
United States, by Heinz Steincke, 6 pp.
GERMAN, per, Elektrizitätswirtschaft, No 7,
28 March 1966, pp 237-239.
DIA LN 296-66

Sci-Elect
Aug 66

307,487

Smoke and Dust Density Measurements by the
Extinction Principle, by G. Schmidt.
GDRPWN, per, Elektrizitätswirtschaft, Vol 65
No 24, 1966, pp 740-743.
CSIRO No. 9235

sci/ chemistry
au. 09

388,677

Basis of the Mechanical Design of High Tension
Overhead Lines. Wind and Ice Loadings on Over-
head Lines, by H. Mors.

GERMAN, por, Elektrizitatzwirtschaft, No 26,
1966, pp. 787-796.

NZDIA

sci-eng
aug 69

390,156

Problems of High-Voltage DC Transmission, by
H. Schulze.
FRENCH, per, Elektrizitätswirtschaft, No 10,
1967, pp 237-242.
*USDI/BR TT 70-58176

Sci-Elec
June 70

Evolution of Selective Protection Against Short
Circuits, by M. Walter.

FRENCH, per, Elektrizitätswirtschaft, No 11,
1967, pp 317-323.

*USDI/BR TT 70-58175

Sci-Elec
June 70

Control and Purification of Insulating Oil in
Electrical Engineering - Devices for Air-Tightness
and Drying for Insulating Oils for Large Trans-
formers, by O. Hutzel.
FRENCH, per, Elektrizitätswirtschaft, No 12,
1967, pp 345-347.
*USDI/BR TT 70-58177

Sci-Elec
June 70

Information Handling in the Hamburg Electricity
Company (HEW) New Load Dispatching Center, by
E. Lebsmann.
GERMAN, per, Elekt Wirts, Vol 66, 1967,
pp 519-555.
NLL Ref: 9022.09 (4923)

Sci-Elec
Nov 69

395,663

Digital Computing of the Behavior of Overhead
Wire Systems in a Section Between Poles, by
R. Eibl, J. Honnomann.
GERMAN, per, Elektrizitätswirtschaft, Vol 66,
No 21, 9 Oct 1967, pp 666-672.
CIA X-6509

Sci-Electr
Mar 68

347,555

The Calculation of the Current Distribution in
Earth Wires, Towers and Earth Returns for Single
Phase Faults in High Voltage Networks with Star
Point Earthing, by E. Kuhnert.

GERMAN, per, Elektrizitätswirtschaft, Vol 66,
No 22, 1967, pp 684-690.
CEGB-719

June 71

Final Stage Blading for Large Steam Turbines,
by M. Ludewig.
GERMAN, per, Elekt. Wirts., Vol 66, No 24,
1967, pp 738-743.
NLL Ref: 9022.09 (4800)

Sci-Ener. Conv.
Mar 69

376,838

Experience in Impulse Voltage Testing of Large
Transformers, by G. Kaiser.

GERMAN, per, Elekt Wirts, Vol 66, No 25,
1967, pp 761-771.

NLL Ref: 9022.09 (4915)

CE 2 B. R 4915

Sci-Elec
Nov 69

395,660

Illness as the Cause of Incorrect Switching
Operations by, W. Runge.
GERMAN, per, Elekt Wirts, January 1968,
pp 32-34

CEGB-Tr 5115

ALL Ref: 9022.09 (5115)

Sci-Elect
Jun 69

385-066

Recent Cases of Damage to Tubes in Condensers
and Feedheaters, by E. Splittgerber.
GERMAN, per, Elektrizitatzwirtschaft, Vol
67, No 3, 1968, pp 130-135.
NLL Ref: 9022.09 (4930)

Sci-Elec
June 69

384,585

Audio-frequency Signal Transmission Through the
Zero Phase-sequence System of a Medium Voltage
Network, by W. Kaufmann, H. Seyfferth.

GERMAN, per, Elektvirtz, Vol 67, Apr 1968,
pp 209-213.

CEGB

O.A. Trans 339

Sci-Elec
Feb 70

401,735

Transformers with Askarel Cooling, by K. Porhoff.
GERMAN, per, Elektrizitätswirtschaft, Vol 67,
No 9, 1968, pp 214-215.
NTC 69-11010-10B

NLL Ref 5825 HF (12940)

Sci/Chem
July 69

387-345

New Viewpoints on Heavy Current Accident
Statistics, by F. Gelsch.
GERMAN, per, Elekt:wrts, Vol 67, No 10, 1968
pp 256-263
O. A. Trans. 913

sci/elect
dec 70

Cable Vibration in Overhead Transmission Lines.
Test Equipment, Measuring Devices and Results,
by W. Philipps.

GERMAN, per, Elekt wirts, Vol 67, May 1968,
pp 279-286.

CRGB

O.A. 812

Sci-Elec

Feb 70

401,780

Examination of a PVC Insulated 1kV Aluminium
Conductor Cable After 21 Years Service, by
D. Hotz.

GERMAN, per, Elekt wirts, Vol 67, June 1968,
pp 348-351.

CEGB

O.A. 800

Sci-Elec
Feb 70

401,779

Testing Procedure for Cable Joint Clamps,
by K.W. Baer
GERMAN, per, Elekt'wirts., Vol. 67,
pp. 352-354 (18 June 1968)
O.A./Trans.-445

9EB 71

Possibilities and Methods of Vibration and Strain
Monitoring on Heat Engines, by O. W. Jager.
GERMAN, per, Elekt:wirts, Vol67, 9 Sept 1968,
pp 578-582
C.E. Trans 5356

mar 71

Glass as Insulator Material for Ground Cable
End Seals, by C. Albrecht.
GERMAN, per, Elektrizitätswirtschaft, Vol 67,
No 23, 1968, pp 677-681.
HTC 69-15427-09C

Sci-Elec
Dec 69

398,441

235 KV Cables for a Difference in Altitude of
430 m, by G. Bar.
GERMAN, per, Elekt Wirts, Vol 67, Nov 1968,
pp 708-717.
CEGB/C.E. Trans 5151

Sci-Elec
Sept 69

392,864

Quantitative Results on the Stresses in
Oscillating Overhead Conductor Cables,
by W. Buckner.
German, ^{Buckner} ~~per~~, Elekt: wirts, Vol 67, Mar-Apr 1969,
pp 286-291.
CEGB
O.A. Tr. 813

Sci-Phys
Mar 70

402,578
Serial No

The Stressing of Overhead Conductor Wires
Experience up to the Present and its
Theoretical Significance, by H. Mors.
German, per, Elekt; wirts. Vol 67, Mar-Apr 1969,
pp 271-278.
CEGB
OAA. 801

Sci-Phys
Mar 70

402,578
Serial No

New Control Rooms for Transformer Stations and
Area Control Points, by W. Kaufmann, B. Kubach.
GERMAN, per, Elektwirts, Vol 67, Oct 1969,
pp 633-637.
CEGB/O.A. Trans 366

Sci-Elec
Dec 69

398,171

A Future for the Electric Vehicle, by M. Pohler.
GERMAN, per, Elekt Wirts, Vol 67, Oct 1969,
pp 664-667.
CEGB/O.A. Trans 369

Sci-Elec
Dec 69

398,172

Data Processing by Electricite de France , by
J. Pouget.

GERMAN, per, Elekt Wirts, Vol 68, Jan 1969,

pp 74-76.

CECS/C.E. Trans 5179

Sci-Elec
Sept 69

392,868

The Development of Automatic Load Despatching
at the Central Electricity Generating Board by,
C.C.M. Parish.
GERMAN, per, Elekt Wirts, January 1969,
pp 76-85.
CEGB-Tr 5161D

Sci-Elect
Jun 69

385-069

The Influence of Increasing Load on the Economic
Dimensioning of Conductors, by W. Bulla
GERMAN, per, Elekt:warts., Vol. 68,
27 May 1969, pp. 365-366.
GRA. Trans. 2749

GRA

Feb 1971

Management of an Undertaking and Organisation
in Electricity by, R. Meister.
German, per, Elekt. wirts., Vol 68, Mar-Apr 1969,
pp 442-432.
CEGB
O.A. Tr 426

Sci-Phys
Mar 70

402,576
Serial No

The Electricity Supply Industry in the
German Federal Republic in the Year 1968.
Statistical Report From the Electricity
Supply Section of the Economics Ministry
(Extracts)

GERMAN, per, Elekt:Wirts., Vol. 68,
pp. 557-588 (Augug. 1969)
C.E./Trans.-5352D

FEB 71

Heat Measurement - The Ideal Solution? by A. Wasp.
GERMAN, per, Elektawirts, Vol 68, Sept 1969,
pp 697-701.
O.A. Trans 463

Sci-Phys
Jul 70

Method of Testing the Quality of a Transformer
by Checking the Oil, by K. Potthoff.
GERMAN, per, Elektwirts, Vol 68, Nov 1969,
pp 764-767.
C.E. Trans 5380

ERA trans 2800

Sci-Mech
Jul 70

The Cable Industry Yesterday and Today, by
G. Wanser.

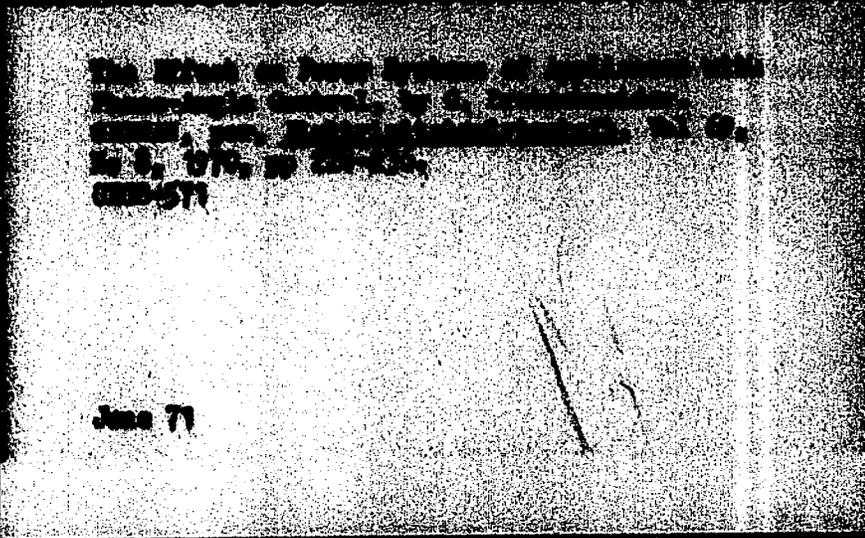
GERMAN, per, Elektrizitätswirtschaft, Vol 68,
22 Dec 1969, pp 829-833.

CEGB-2807

June 71

A Type of Cable Construction in Which the Aluminum
Neutral Cannot be Interrupted by Corrosion, by
H. Heumann.
GERMAN, per, Elektwirts, Vol 68, Dec 1969,
pp 839-846.
O.A. Trans 469

Sci-Mat
Sep 70



The Influence of Storage Heating Equipment on
System Loading, by H. Juttemann.
GERMAN, per, Elektrizitaetswirtschaft, Vol 69, 1970,
pp 270-275. 41 may
NTC 72-14372-13A
NLI 3810.97(442)
E.S.B. Trans 442

Jan 73

The Introduction of Standard Availability
Concepts, by H. Vetter.
EUROPEAN, per, Elektrizitätswirtschaft, Vol 69,
25 May 1970, pp 296-299.
C.E. Trans 5533

Jan 72

The Application of Polygraph...
of... by...
...
...
... 427

.../...
... 71

Modern corrosion protection by conventional coatings and
by "Conversion films", by W. Wiederholt.
GERMAN, per, Elektrizitätswirtschaft, Vol 69, 31 Aug 1970,
pp 498-501
ERA Trans 2873

apr 72

Investigation of the Army Reserve of
Special Operations Units, and the Reserve
by J. Sander.
Sander, J. *Special Operations Units, T&A, G.*
14 Aug 1970, pp 24-30.
ORID-2574

June 71

Tests for Determining the Short-Circuit Temperature-Rise Factor and the Permissible Final Short-Circuit Temperature for PVC Cables Having Copper Conductors, by R. Grober.

GERMAN, per, Elektrizitätswirtschaft, Vol 69, 12 Oct 1970, pp 578-582.
ERA Trans 2882

aug 71

M. Noetzold

The Intensity of Transformer Noise and its Reduction.

GERMAN, per, Elektrizitaetswirtschaft, Vol 69,
1970, pp 615-619
NYC 72-13312-13H

Oct 72

K. Leibersberger

Wooden Line Poles and Wood Preservation.
GERMAN, per, Elektrizitaetswirtschaft, Vol 69,
1970, pp 619-624.
NTC 72-13858-09C

Nov 72

19 SEP 1972

GERMAN:

Elektrizitätswirtschaft 1971. pp 70-76.

DIA LN 002-72 (25 pp)

Experience With Converting Foundry
Operations From Cupola Furnaces to In-
duction Melting Furnaces, by O. Drabek.
GERMAN, per, Elektrizitätswirtschaft,
Vol 70, 29 March 1971, pp 180-182.
CEGB Trans 689

Mar 72

G. Czernek

The Behaviour During Rain of Insulating Rods
for Use at 110 kV.

GERMAN, per, Elektrizitaetswirtschaft, Vol 70,
No 8, 1971, pp 208-212
NTC 72-13319-090

Oct 72

High-Precision Electronic Electricity Meter, Class
0.2, by H. Vonarburg.
GERMAN, per, Elektrizitätswirtschaft, Vol 70, No 8,
1971, pp 213-219,
O. A. trans 685

sci/mechan engr
Nov 71

H. Mors

Trends in the Construction of Overhead Line
Systems: Insulating Crossarms.
ELEKTRIZITATSWIRTSCHAFT, Vol. 70, No 10, 10 May 1971,
pp 253-257.
C.E. Trans 5822

Feb 73

Experience With Electric Storage Heating in the
Electricity Supply System of the City of Stuttgart.

by W. Kaufmann.

GERMAN, per, Elektrizitaetswirtschaft, Vol 70, 1971,
pp 321-328.

NTC 72-14213-13A

NLL 3810-97(472)

CEGB TRANS 472

Jan 73

H. Mandel

Possibilities of International Cooperation in
the Nuclear Power Sector.

GERMAN, per, Elektrizitaetswirtschaft, Vol 70,
1971, pp 498-507
NTO 72-12805-18L

sept 72

N. Erich

*Security of power supply and associated costs for
intermediate voltage networks
GERMAN, per, Elektrizitätswirtschaft, Vol 70,
30 Aug 1971, pp 525-532
O.A. trans 738*

july 72

Analysis and short-term forecasting of consumption and demand in a regional supply undertaking, by A. Naass.
GERMAN, per, Elektrizitätswirtschaft, Vol 70,
30 Aug 1971, pp 552-580.
O.A. 735

apr 72

G. Schulte

*Problems in the evaluation of costs incurred due to
electricity supply failures
GERMAN, Elektrizitätswirtschaft, Vol 70, 8 Nov 1971,
pp 656-661
O.A. trans 742*

sept 72

*Unconventional ideas of extending the demand for
electricity and its applications, by H. Schittig.
GERMAN, per, Elektrizitätswirtschaft, Vol 70, No 23,
8 Nov 1971, pp 664-665.
O.A. 741*

apr 72

D. Kumpf

*Experiences with a high frequency earth testing
instrument*

GERMAN, per, Elektrizitätswirtschaft, Vol 71.

17 Jan 1972, pp 49-50

ESB trans 490

July 72

Work on Live Overhead Lines, by H. Mies.
GERMAN, per, Elektrizitatzwirtschaft, Vol 71,
Feb 1972, pp 100-105.
ESB Tr-498

sept 72

H. Blasohke

Prospects for future power transmission.
GERMAN, Elektrizitätswirtschaft, Vol 71, 14 Feb 1972,
pp 108-118
SDI trans 28421

dec 72

H. Kirn

Electric Heating of Indoor Swimming Baths.
GERMAN, per, Elektrizitaet, Frankfurt am Main,
Vol 20, 1970, pp 241-247
NTC 72-12703-09C

sept 72

A New Method for the Contactless Transmission of
Measuring Data, by W. Erdmann.
GERMAN, per, Elektro-Anzeiger, No 18, 1968, pp 9-25.
NTC-71-11887-09C

Nov 71

Electric Machines With Linear Motion, by
Ilja J. Baklev, Angel M. Abgelov, 12 pp.
GOVERNMENT USE ONLY
BULGARIAN, per, Elektro Promishlenost i Priborostroyene.
ARM/FSTC/HT-23-1095-71

Jan 72

Polish Series of Magnetic Amplifiers, by
J. Hickiewicz, A. Zywiec, T. Figura and K.
Borkowski, 10 pp.
POLISH, per, Elektro techniczny Przegląd, No
3, Mar 1966, pp. 111-115.
JPRS 36520

EE-Poland
Econ
Aug 66

307,889

Agency: ACSI
P.O. #: K-2020
Title : Electrode for Galvanic Elements, Especially
for Alkaline Storage Batteries
Author: J. Wiesenmutter 2pp
Source: Elektrode für galvanische Elemente, versuchs-
weise für alkalische Akkumulatoren ..
Patentschrift 74867
Language: German
Instructions: Please translate and type on plain
bond, 8"x10 1/4", single-spaced. Docu-
ment may be cut for paste-ups.

Electrodynamic Railway Safety Devices, 45 pp.
HUNGARIAN, rpt, Elektrodinamikus Vasuti
Biztosito Berendezesek, 1965, pp 7-19, 33-61,
92-100.
DIA LN 661-66

Sci-Mech
Jul 67

331,760

The Present Status of and the Development Up
To 1980 of the Varna Area Electric System,
by Mire Spirov, 16 pp.
BULGARIAN, per, Elektroenergiya, No 2, Feb
1965, pp. 7-12.
JPRS 30456

EE-Bulgaria
Econ
Jun 65

281,495

The Production Program of the "Vasil Kolarov"
High Voltage Equipment Plant, by Iv. Mechkov,
5 pp.
BULGARIAN, per, Elektroenergiya, No 3, Mar
1965, pp. 30-31.
JPRS 30435

EE-Bulgaria
Econ
Jun 65

281,469

Electric Power Production at Certain
Power Stations Located Downstream From
the Reservoir in 1964, by Dr Milchayl
Vitanov, 6 pp.
BULGARIAN, per, Elektroenergiya , No 6,
June 1965, pp 1-3.
JPRS 32331

EE - Bulgaria
Econ
Oct 65

290,407

Some Data on Electric Power in Bulgaria
in the Fourth Five-Year Plan (1961-1965),
5 pp.
BULGARIAN, per, Elektroenergiya, No 12,
Dec 1965, pp. 1-2.
JPRS 34754

EE-Bulgaria
Econ
Apr 66

298,253

Electric Power Supply To the Housing and
Communal Sector in Bulgaria Up to 1980,
by I. Mondov and Yu. Savenko, 13 pp.
BULGARIAN, per, Elektroenergiya, No 12,
Dec 1965, pp. 3-8.
JPRS 34754

EE-Bulgaria
Econ
Apr 66

298,254

Agentaitė, Z.P.; Lapenis, V.B.; Khotyanovich, S.

Industrial Production of Dry Electro-
graphic Developer, translation from
mono.

ELEKTROFOTOGRAFIYA I MAGNITOGRAFIYA,
Vilnius, 1965, P. 142-155
NTC-72-14652-14E

Feb 73